

**AMENDMENTS TO THE ABSTRACT**

Please amend the Abstract as follows:

A system and method for providing "static analysis" of programs to aid in improving runtime performance, stability, security and privacy characteristics of deployed application code. The method includes performing a set of analyses that sifts through the program code and identifies programming security and/or privacy model coding errors. In particular the invention focuses on identifying coding errors that cause loss of correctness, performance degradation, security, privacy and maintainability vulnerabilities. A deep analysis of the program is performed using detailed control and data flow analyses. These deeper analyses provide a much better perspective of the overall application behavior. This deep analysis is in contrast to shallow analyses in current industry tools, which inspect or model a single or a few classes at a time.